ANNUAL REPORT TO THE GOVERNOR AND GENERAL ASSEMBLY

ENERGY CONSERVATION EFFORTS OF VIRGINIA'S INVESTOR-OWNED PUBLIC UTILITIES IN 2025

Submitted by the Virginia Department of Energy

January 16, 2026

To: The Governor and the General Assembly
From: Virginia Department of Energy
Date: January 16, 2026
RE: Energy Conservation Efforts of Investor-Owned Utilities

The Code of Virginia (§ 45.2-1712) requires each investor-owned public utility (IOU) that provides electricity service in the Commonwealth to prepare an annual report to the Virginia Department of Energy (Virginia Energy) delineating its efforts to conserve energy. In the report, each IOU is required to disclose its implementation of demand-side management (DSM) programs serving its customers, and its efforts to improve energy efficiency and conservation relating to its internal operations. These annual reports are to be submitted by November 1 of each year to the State Energy Office of Virginia Energy. The Division is required to compile the utilities' reports and submit the compilation to the Governor and the General Assembly.

For the year 2025, reports were received from Virginia Electric and Power Company (Dominion Energy, or Dominion), Appalachian Power Company (APCo), and Kentucky Utilities Company d/b/a Old Dominion Power Company (ODP) on or by November 1. Each report includes the respective IOU's energy conservation efforts during the past year. The reports also include how the IOUs implement their demand-side management (DSM) programs, including energy efficiency (EE) and demand response (DR).

Dominion Energy's report summarizes its current efforts to implement DSM tariffs and programs. In December 2024, the company submitted its Phase XIII DSM program filing, which proposed one new energy-efficiency program, one pilot program, and five redesigned programs for approval. The new and redesigned programs were approved but the pilot program, for residential battery storage, was denied with the intent that the concept be revisited as part of the upcoming virtual power plant (VPP) program pursuant to HB 2346/SB 1100. The company also plans to file the next DSM portfolio in December 2025. ODP's report discloses its efforts to conserve energy. APCo's report describes its previous, ongoing, and expected demand-side resource activity. The reports are attached.

Dominion Energy®

Virginia Electric and Power Company

Annual Report to the Virginia Department of Energy

As Required by § 45.2-1712 of the Code of Virginia Annual Reporting by Investor-Owned Public Utilities

October 31, 2025

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INTRODUCTION

Pursuant to Virginia Code § 45.2-1712, Virginia Electric and Power Company ("Dominion Energy Virginia" or the "Company") submits this Annual Report of Conservation Efforts ("Report") to the Virginia Department of Energy.

Virginia Code § 45.2-1712, *Annual reporting by investor-owned public utilities,* provides that:

> *Each investor-owned public utility providing electric service in the Commonwealth shall prepare an annual report disclosing its efforts to conserve energy, including (i) its implementation of customer demand-side management programs and (ii) efforts by the utility to improve efficiency and conserve energy in its internal operations pursuant to § 56-235.1. The utility shall submit each annual report to the Division by November 1 of each year, and the Division shall compile the reports of the utilities and submit the compilation to the Governor and the General Assembly as provided in the procedures of the Division of Legislative Automated Systems for the processing of legislative documents.*

Virginia Code § 56-235.1*, Conservation of energy and capital resources,* provides that:

> *It shall be the duty of the Commission to investigate from time to time the acts, practices, rates or charges of public utilities so as to determine whether such acts, practices, rates or charges are reasonably calculated to promote the maximum effective conservation and use of energy and capital resources used by public utilities in rendering utility service. Where the Commission finds that the public interest would be served, it may order any public utility to eliminate, alter or adopt a substitute for any act, practice, rate or charge which is not reasonably calculated to promote the maximum effective conservation and use of energy and capital resources used by public utilities in providing utility service and it may further provide for the dissemination of information to the public, either through the Commission staff or through a public utility, in order to promote public understanding and cooperation in achieving effective conservation of such resources; provided, however, that nothing in this section shall be construed to authorize the adoption of any rate or charge which is clearly not cost-based or which is in the nature of a penalty for otherwise permissible use of utility services. This section shall not apply to telephone companies.*

Energy conservation is essential to the Commonwealth's future and continues to be one of the Company's top priorities. The General Assembly, through the Grid Transformation and Security Act ("GTSA") and the Virginia Clean Economy Act ("VCEA"), established energy efficiency proposed spending targets and incremental energy efficiency savings goals applicable to the Company, for each year 2022 through 2025, with the goal of reaching 5% energy efficiency savings (based on 2019 jurisdictional electricity sales) by 2025. The State Corporation Commission of Virginia (the "Commission" or "SCC") established energy efficiency savings targets of 3.00%, 4.00%, and 5.00% for the years 2026, 2027, and 2028, respectively, in Case No. PUR-2023-00227.

This Report covers the Company's conservation efforts for the approximate time September 1, 2024 through August 31, 2025 and is divided into two sections. The first section focuses on the Company's implementation of customer demand-side management ("DSM") programs and includes a description of current DSM tariffs and programs, plans for future programs, and efforts at evaluating, measuring, and verifying the energy savings resulting from these programs.

The Report's second section focuses on the Company's efforts, as well as broader efforts throughout the Dominion Energy, Inc. organization ("Dominion Energy"), to improve energy efficiency and conservation in its internal operations. For example, this includes a description about how the Company conserves and uses energy efficiently in areas such as Facilities, Information Technology, Investment Recovery, and other Dominion Energy-wide initiatives. Although the requirement in Va. Code § 45.2-1712 is specific to the Company as an investor-owned utility operating in Virginia, the Company believes that it is also important to note more extensive programs where it participates alongside other Dominion Energy entities.

I.
CUSTOMER DEMAND-SIDE MANAGEMENT (DSM) PROGRAMS, ENERGY EFFICIENCY (EE), AND DEMAND RESPONSE (DR) PROGRAMS

DSM, EE, and DR Programs

Overview

The Company generally defines DSM as all activities or programs undertaken to influence the amount and timing of electricity use. Demand-side resources are used to encourage more efficient use of existing resources and to potentially delay or eliminate the need for new supply-side infrastructure. In this Report, the Company will summarize its current efforts to implement DSM tariffs and programs. The Company's DSM programs are designed, among other purposes, to provide customers the opportunity to better manage their electricity usage.

The Company's DSM planning process has also been enhanced since the Company's 2021 Annual Report through the development of a DSM long-term plan. In the 2020 DSM Final Order (Case No. PUR-2020-00274), the SCC directed the Company to present a long-term plan for DSM sufficient to comply with the total energy savings targets in the VCEA and investment levels in the GTSA. The SCC required that the long-term plan should include: (i) proposed program savings and budgets for the five-year period beginning January 1, 2022, sufficient to comply with the total energy savings targets in the VCEA and investment levels in the GTSA; (ii) a proposed plan and framework for consolidating, streamlining, and marketing the public-facing aspects of the Company's approved and proposed DSM programs to facilitate participation at the levels required to achieve the VCEA targets; and (iii) a detailed project management plan and risk management strategy demonstrating that the Company has identified and planned for deployment of the resources required to implement its revised programs. The SCC also required that the strategic plan should reflect short-term, medium-term, and long-term recommendations for improvement of the Company's DSM Portfolio.

In consideration of VCEA targets and discussions with DSM stakeholders, the Company obtained an external industry-informed perspective to assist in developing a DSM long-term plan. Accordingly, in 2020, the Company issued an RFP for consulting, planning, and technical services in support of the Company's DSM portfolio. Cadmus was the successful bidder in this RFP process. Cadmus was charged with developing a long-term plan for DSM that could chart the Company's path over the next decade. Throughout the development of the long-term plan, Cadmus consulted with the Company, its DSM contractors, and numerous internal and external stakeholders for input and feedback.

The DSM long-term plan provides a path forward for the Company's DSM program portfolio, with the end goal of setting forth an achievable strategy for meeting the VCEA energy efficiency targets. It provides a vision and pathways for making every practicable effort to achieve the legislative goals over short-, medium-, and long-term timeframes. The long-term plan addresses strategic vision; achievability of GTSA and VCEA energy efficiency targets; risks, challenges, and opportunities stemming from legislative and regulatory changes; sector profiles, program design recommendations, and implementation pathways aligned with targets and high-level timelines; approaches for adapting to an evolving customer market and advancements in technology; and high-level forecasts of energy and demand impacts, program costs, and cost-effectiveness.

Additionally, in Case No. PUR-2024-00222, the SCC directed the Company to file a plan detailing the specific steps the Company will take to meet the energy savings targets established for 2026 through 2028 by the SCC. The Company will file this plan in its next DSM update in December 2025.

In sum, the Company expects the DSM long-term plan to be instrumental in future iterations of the DSM planning process when feasible and practicable for the Company to act upon, which will be reflected in future filings. The SCC has also issued directives regarding the evaluation, measurement, and verification of the Company's DSM programs, which will guide how energy and capacity savings influence planning projections.

List of Programs

Figure 1 provides a list of the Company's DSM tariffs and programs that were active or approved by the SCC, since the Company's 2024 Annual Report. The table thus includes the most recently approved programs (DSM Phase XIII) that were filed with the Commission in December 2024. The Company anticipates filing its next phase of DSM programs in December 2025 with the intent to report its proposed DSM program portfolio in next year's annual report. As noted in the DSM long-term plan, the Company is also working through efforts to streamline its DSM portfolio in order to enhance the overall customer experience, where feasible.

Figure 1 – Dominion Energy Virginia Tariffs and Programs

Tariffs	
Standby Generation	
Active DSM Programs	
DSM Phase VIII Residential Smart Thermostat (EE & DR)	DSM Phase VIII Non-residential New Construction
DSM Phase VIII Electric Vehicle (Peak Shaving)	DSM Phase II Non-residential Distributed Generation
DSM Phase VIII Residential Electric Vehicle (EE and DR)	DSM Phase VIII Residential/Non-residential Multi-family
DSM Phase VIII Residential Energy Efficiency Kits	DSM Phase XII Non-residential New Construction Program (EE)
DSM Phase X Residential Income and Age Qualifying Home Energy Report	DSM Phase XII Residential Smart Thermostat Purchase (EE)
DSM Phase VIII Residential Manufactured Housing	DSM Phase VIII Small Business Improvement Enhanced
DSM Phase VIII Residential New Construction	DSM Phase IX Non-residential Agricultural
DSM Phase IX HB 2789 Solar Component	DSM Phase IX Non-residential Building Automation
DSM Phase IX Residential Income and Age Qualifying	DSM Phase IX Non-residential Building Optimization
DSM Phase IX Residential Water Savings (EE)	DSM Phase IX Non-residential Customer Engagement
DSM Phase IX Residential Water Savings (DR)	DSM Phase IX Non-residential Enhanced Prescriptive
DSM Phase IX Residential Smart Home (EE)	DSM Phase X Non-residential Lighting Systems & Controls Program Extension
DSM Phase IX Residential Virtual Audit (EE)	DSM Phase X Non-residential Data Center and Server Rooms (EE)
DSM Phase X Small Business Behavioral (EE)	DSM Phase X Non-residential Hotel and Lodging (EE)
DSM Phase X Non-residential Health Care (EE)	DSM Phase XI Non-residential Custom Program (EE)
DSM Phase X Voltage Optimization (EE)	DSM Phase XI Residential Customer Engagement (EE)
DSM Phase XI Residential Peak Time Rebate (DR)	DSM Phase XI Residential Electric Vehicle Telematics (DR) Pilot
DSM Phase XI Residential EE Products Marketplace (EE)	DSM Phase XI Non-residential Income and Age Qualifying Bundle (EE)
DSM Phase XI Residential Income and Age Qualifying Bundle (EE)	Residential Retrofit Bundle (EE)

Non-residential Prescriptive Bundle (EE)	DSM Phase XII Residential New Construction Program (EE)
DSM Phase VIII Non-residential Midstream Energy Efficient Products (EE)	DSM Phase XII Residential Smart Thermostat Demand Response (DR)
Recently Approved DSM Programs	
DSM Phase XIII Res. Smart Thermostat (DR)	DSM Phase XIII Non-residential Data Center (EE)
DSM Phase XIII Non-residential Small Business Improvement (EE)	DSM Phase XIII Non-residential Enhanced Prescriptive (EE)
DSM Phase XIII Non-residential Curtailment (DR)	DSM Phase XIII Non-residential Distributed Generation (DR)

Current DSM Tariffs

The Company currently offers one DSM pricing tariff, the Standby Generation ("SG") rate schedule, in Virginia. This tariff provides incentive payments for dispatchable load reductions that can be called on by the Company when capacity is needed.

The SG rate schedule provides a direct means of implementing load reduction during peak periods by transferring load normally served by the Company to a customer's standby generator. The customer receives bill credits based on a contracted capacity level or average capacity generated during a billing month when SG is requested.

During a load reduction event, a customer receiving service under the SG rate schedule is required to transfer a contracted level of load to its dedicated on-site backup generator.

Phase XIII DSM Programs

Overview

In December 2024, the Company filed with the SCC for approval of Phase XIII of its DSM Portfolio in Case No. PUR-2024-00222. The DSM Phase XIII is compromised of the following Phase XIII Programs and one Pilot: Non-residential Small Business Improvement (EE) (Redesigned), Non-residential Data Center (EE) (Redesigned), Non-residential Enhanced Prescriptive (EE) (Redesigned), Residential Smart Thermostat (DR) (Redesigned), Non-residential Curtailment (DR) (new Program), Non-residential Distributed Generation (DR) (Redesigned) and Residential Battery Storage Pilot (DR). All programs are classified as either Demand Response (DR) or as energy efficiency (EE) programs as defined under Va. Code § 56-576. On August 13, 2025, the SCC

issued a final order approving all proposed programs in the proceeding, except for the Residential Battery Storage Pilot (DR).

Non-residential Small Business Improvement Program

The Non-residential Small Business Improvement program offers a comprehensive and flexible approach that includes an energy assessment to identify and prioritize energy-saving opportunities for qualifying small business customers under the 200 kW demand threshold, with financial incentives for the installation of specific energy efficiency measures.

Non-residential Data Center Program

The Non-residential Data Center Program will provide qualifying non-residential customers with incentives to install energy efficiency measures related to the equipment in and operation of data centers. The proposed Program will be a "one-stop-shop" for data center customers to implement energy efficiency measures such as computer and power distribution equipment, HV AC, chiller, lighting and controls upgrades, as well as economizers and other small, medium and large custom measures based on the customers' needs. This whole-building analysis approach will allow flexibility for data center customers to pursue energy efficiency upgrades with a diverse set of program portfolio energy efficiency measures. Program services, as well as program measure installations, for this Program will be delivered through a network of qualified contractors and/or consultants with the appropriate specialization and experience to provide relevant, up-to-date advice on the measures included in the proposed program design.

Non-residential Enhanced Prescriptive Program

The Non-residential Enhanced Prescriptive Program will provide qualifying non-residential customers with incentives for the installation of refrigeration, commercial kitchen equipment, HVAC improvements, window film installation and maintenance and installation of other program specific, energy efficiency measures.

Residential Smart Thermostat Program

The Residential Smart Thermostat Program is a peak demand response program through which demand response is called by the Company during times of peak system demand throughout the year and thermostats of participating customers would be adjusted to achieve a specified amount of load reduction while maintaining reasonable customer comfort through a gradual change in home temperature and allowing customers to opt-out of specific events if they choose to do so. Customers receive a one-time enrollment incentive and an annual incentive for participating in the Program.

Non-residential Curtailment Program

The Non-residential Curtailment Program design targets medium and large-sized commercial and industrial customers to curtail their energy usage using manual load curtailment during times of peak system demand. Each participating customer (i.e., facility) will have a curtailment plan developed, also known as a load reduction plan (''LRP"), which is specific to the facility and guided by engineering assessments created by the program implementation vendor in collaboration with facility staff, factoring in the opportunity cost of participation, facility equipment and operations, and staff availability. The LRP is specific to each customer site and provides a specific plan on how the customer is to reduce their electric demand during a demand response event, detailing the measures (equipment) the customer can turn off or turn down during the DR event window. The LRP also provides an overview of the load shed potential associated with the specific measures along with the expected incentive the customer can expect to earn.

Non-residential Distributed Generation Program

The Non-residential Distributed Generation Program will provide qualifying non-residential customers with an incentive to curtail load by operating backup generation when called upon during times of peak system demand throughout the year. The program implementation vendor is responsible for enabling remote operation and monitoring the customers' generators.

Future DSM Programs

As part of the Grid Transformation and Security Act passed in 2018, the Company continues to meet with stakeholders and a third-party moderator, hired by the Commission, to discuss and plan for new DSM programs. In addition, competitive Requests for Proposals (RFPs) are being conducted for the fulfillment of new programs to be filed with the SCC.

Evaluation, Measurement & Verification ("EM&V")

Overview

The Company is required to implement EM&V plans to quantify the level of energy and demand savings for approved DSM programs in Virginia and North Carolina. In its Virginia DSM filing in December 2024 for the Phase XIII programs, the Company filed EM&V plans for all Phase XIII programs for which the Company was requesting approval.

EM&V Reporting

As required by its regulators, the Company also provides annual EM&V reports for its programs that include: (i) the actual EM&V data; (ii) the cumulative results for each DSM program in

comparison to forecasted annual projections; and (iii) any recommendations or observations following the analysis of the EM&V data. These reports are filed annually with the SCC and provide information through the prior calendar year. DNV, an independent third-party vendor, continues to be responsible for developing, executing, and reporting the EM&V results for the Company's currently approved DSM programs.

The Company filed its 2025 EM&V report, of calendar 2024 program results on June 16, 2025 in Case No. PUR-2023-00217.

II.
EFFORTS TO IMPROVE EFFICIENCY AND CONSERVE ENERGY

The following section discusses the Company's overall efforts related to its focus on environmental stewardship, including initiatives to conserve energy through its internal operations pursuant to Va. Code § 56-235.1. The Company's efficiency and conservation commitment is multi-faceted. The Company views environmental responsibility as not only controlling emissions, but also conserving resources, such as energy and water. Examples of these projects and other environmentally focused projects are described below.

Consumer Education Programs

Overview

The Company's consumer education initiatives include providing demand and energy usage information, educational opportunities, and online customer support options to assist customers in managing their energy consumption. The Company's website has a section dedicated to energy conservation. This section contains helpful information for both residential and non-residential customers, including information about the Company's currently active DSM programs. Through consumer education, the Company is working to encourage the adoption of energy-efficient technologies in residences and businesses in Virginia. Examples of how the Company increases customer awareness include:

X, Facebook, Instagram, LinkedIn, and YouTube

The Company uses the social media channels of X, Facebook, Instagram, LinkedIn, and YouTube to provide real-time updates on energy-related topics, promote Company messages, and provide two-way communication with customers. The Company's X account is available online at <https://x.com/DominionEnergy>. The Company's Facebook account is available online at <https://www.facebook.com/dominionenergy/>. The Company's Instagram account is available online at <https://www.instagram.com/dominionenergy/>. The Company's LinkedIn account is available at <https://www.linkedin.com/company/dominionenergy/>. The Company's YouTube account is available online at <https://youtube.com/DominionEnergy>.

Dominion Energy Virginia Advertising

The Company advertises through television, digital, print, radio, and outdoor mediums to address a variety of topics including energy conservation and the use of renewable energy sources like solar and wind to help reduce carbon emissions.

News Releases

The Company prepares news releases and reports on the latest developments regarding its DSM initiatives and provides updates on Company offerings and recommendations for saving energy as new information becomes available. For example, on December 5, 2024, the Company issued a press release on its bill payment assistance programs and energy-saving tips to help customers save energy and lower bills when heating their homes in the winter. Current and archived news releases can be viewed at <https://news.dominionenergy.com/overview /default.aspx>.

Lower My Bill Guide

The Lower My Bill Guide on the Company's website offers customers ways to take control of their energy costs and monthly bills. The guide provides tools to save energy through energy saving tips, an EPA Carbon Calculator and Fuel Economy Car Comparison Tool. The guide also teaches customers how to monitor their electricity with resources to help customers learn to read their meters and to stay updated about rate changes. Finally, the guide teaches customers to take control of their bill by exploring different ways to pay their bills, signing up for eBill, information regarding seasonal budget billing and a guide to understanding the details of their bills. The Lower My Bill Guide is available at <https://www.dominionenergy.com/virginia/save-energy/lower-my-bill-guide>.

Community Outreach

Dominion Energy remains deeply committed to strengthening the communities it serves. Through EnergyShare, the company's year-round energy assistance program, Dominion Energy provides critical support to individuals and families facing financial hardships by helping them manage the cost of heating and cooling their homes. With a legacy spanning more than four decades, the program continues to be a vital source of support.

In September 2015, Dominion Energy expanded EnergyShare to include a weatherization component, creating a vital connection between immediate bill assistance and long-term energy efficiency. This expansion marked the first time customers could access both direct financial relief and no-cost energy upgrades, helping to reduce future energy costs while improving comfort and sustainability. Since then, more than 24,800 homes have benefited from these energy efficiency improvements.

The expansion also introduced dedicated resources for military veterans and individuals living with disabilities in partnership with the Department of Veteran Services (DVS) and the Centers for Independent Living (CIL). Since 2015, more than 174,300 households have received bill payment assistance, including targeted support delivered through public-private partnerships

that have helped more than 12,700 military veterans and 12,400 individuals with disabilities. These efforts, alongside the broader EnergyShare program, ensure that vulnerable populations receive the assistance they need.

Since its 1982 inception, EnergyShare has helped more than 949,000 households across Virginia. In 2018, Dominion Energy reinforced this commitment by pledging $13 million annually through 2028, ensuring the program continues to deliver critical relief to those facing financial hardship. This long-term investment reflects the company's dedication to supporting the most vulnerable members of our communities and helping families maintain safe, comfortable homes.

Customer Paperless Billing Program

Customers are reducing paper usage by choosing to participate in the Company's paperless billing program, eBill. 58% of Virginia and North Carolina eligible electric customers opt to receive their bill notification via email each month either through the Company's website or through their financial institution. Customers can create online accounts via dominionenergy.com to view and pay bills electronically and enroll in programs such as paperless billing, energy conservation, Renewable Energy Certificates (REF Select), 100% renewable generation (Rider TRG), and the Dominion Energy Green Power® Program. In 2020, customers performed approximately 21 million transactions through their online accounts. Further, many customers want to do business electronically, and the Company is providing the channels and options to do so through Internet, Mobile, and Interactive Voice Response Unit.

Employee Education Programs

"domnet"

The Company provides daily internal news and announcements to all its employees through its intranet site called "domnet," where energy efficiency and conservation topics are spotlighted on a routine basis. Employees are provided information concerning how to conserve energy at home and work and on various other environmental issues. For example, an April 2025 article reported that the Company won the Tree Line USA award by the Arbor Day Foundation, recognizing the company's exceptional commitment to quality tree care, annual worker training, community tree planting, public education, and Arbor Day observance.

Company Reporting on Conservation and Sustainability

Annual Sustainability and Corporate Responsibility Report

Dominion Energy publishes an annual "Sustainability & Corporate Responsibility (SCR) Report," which provides the latest information about the Company's environmental, social, and governance performance. On September 24, 2024, the Company issued its 2023 SCR Report. This report primarily focuses on performance for calendar year 2023 unless otherwise specified. All environmental and other related metrics are inclusive of assets owned in 2023 — specifically, 2023 metrics include assets divested in 2024 as well as those under contract to be divested in connection with our strategic business review completed in March 2024. Some content referenced in this disclosure may include forward-looking information. For a full discussion of forward-looking information, see our Forward-Looking Statements. The Report is available online at <https://sustainability.dominionenergy.com>.

The 2023 SCR Report covers a variety of topics, including reliable, affordable, and increasingly clean energy, as well as safety, governance, contributions to communities, benefits provided to employees, and more. Selected highlights include:

- Set a new safety record by reducing the number of employee injuries resulting in days away from work or restricted duty;
- Maintained the superior reliability our customers count on, ensuring that electricity was available 99.98% of the time, excluding major storms;
- Kept our rates well below both the national and regional averages;
- Continued to reduce both carbon emissions from our electric generation fleet, which we have cut by 53% from 2005 through 2023, and methane emissions from our natural gas businesses, which we have cut by 50% from 2010 through 2023;
- Continued to move forward on our CVOW commercial project — the largest offshore wind project under construction in the United States;
- Expanded our solar portfolio, which we have grown from zero megawatts a little over a decade ago to one of the largest among investor-owned utilities in the country;
- Proposed piloting new forms of battery storage to make the most of renewable resources; and
- Continued to upgrade the grid to make it smarter, stronger, and greener.

Dominion Energy's 2023 SCR Report highlights significant investments in clean energy, including its progress toward its Net Zero commitment. The company's Net Zero commitment includes

carbon and methane emissions within our direct control (known as Scope 1 emissions), as well as Scope 2 and material categories of Scope 3 emissions, including: electricity purchased to power the grid, fossil fuel purchased for our power stations and gas distribution systems, and consumption of gas sold to our end-use customers.

CDP Questionnaire

Dominion Energy submitted a response to the CDP Questionnaire in 2024 for the 2023 reporting year. The CDP was formerly named the "Carbon Disclosure Project," and it is a comprehensive annual sustainability disclosure initiative primarily covering climate and water information. Information submitted to CDP is available to investors and the public. The 2024 questionnaire provides details regarding impacts of sustainability-related issues on strategy and how these issues are integrated into Dominion Energy's business objectives.

Among other things, the CDP's 2024 CDP Questionnaire discloses and details:

- Data regarding Dominion Energy's greenhouse gas emissions in 2023. Dominion Energy received Reasonable Assurance verification of its Scope 1 and Scope 2 emissions and Limited Assurance of its Scope 3 emissions from a third-party auditor.
- Dominion Energy's progress made towards its Net Zero commitment
- Emission reduction initiatives, including Greenhouse Gas savings estimates from recent projects to construct and maintain zero-carbon generation sources.
- Identified climate-related risks and opportunities that relate to the Company's businesses, such as emerging regulations and technologies. Specifically, Dominion Energy provides details of its investments in low-carbon research initiatives, including its partnership with the Electric Power Research Institute. Examples of projects discussed in this section include energy storage, renewable natural gas, electric vehicles, microgrids, and electrification.
- Data and information about the Company's overall water use and risk management practices and examples of efforts the Company has undertaken to reduce, reuse, or recycle water.

Transportation Decarbonization

Electric Vehicles

The Company currently has 79 fully electric, 131 plug-in hybrid-electric, and 243 hybrid-electric vehicles in its service fleet in Virginia and North Carolina. In addition, the Company

continues to invest in idle mitigation technology, employed in vehicles such as service trucks where the aerial lifts are powered by hybrid electric technology. Other green fleet initiatives include business units selecting electric forklifts where applicable, the introduction of electric UTV pilot programs, and the use of renewable natural gas in converted vehicles. Dominion Energy also uses biodiesel fuel at 36 locations in Virginia and North Carolina.

Dominion Energy is continuing the installation of electric vehicle charging stations at its offices to provide charging for fleet vehicles and workplace charging for employees' personal electric vehicles. Dominion Energy also has an incentive program for employees who purchase a new or used electric vehicle and offers workplace charging at no cost for enrolled employees' personal EVs / PHEVs.

In 2021, Dominion Energy announced an ambitious carbon-reduction vehicle initiative to convert a significant portion of its vehicles to electric power and clean-burning alternative fuels by 2030.

- 75% of passenger vehicles, including sedans and SUVs, will be converted to electric power by 2030.
- 50% of work vehicles – from full-size pickups and bucket trucks to forklifts and ATVs – will be converted by 2030 to plug-ins, battery electric vehicles, or vehicles fueled by cleaner-burning alternatives, such as hydrogen, renewable natural gas, and compressed natural gas. In the transition, the Company will make use of trucks equipped with emissions-reducing ePTO (Electric Power Takeoff) systems.
- 100% of all new vehicles – from sedans to heavy-duty vehicles – purchased will be powered either by electricity or alternative fuels, after 2030.

Environmental and Conservation Awards

For a full list of recent awards, please visit our Awards and Recognition website at < https://careers.dominionenergy.com/content/Awards/?locale=en_US>. Examples of environmental and conservation awards the company has received during the reporting period are highlighted below.

Business Facilities Magazine

"2025 Top Utility for Economic Development"

The Top Utilities award recognizes utility providers across the United States that demonstrate exceptional leadership in economic development, innovation, and environmental stewardship.

Environmental Protection Agency

"Excellence Award - ENERGY STAR Marketing"

This award recognizes the Residential Efficient Products Marketplace Program in North Carolina and Virginia. The program launched a successful retail program, an online marketplace, and a media outreach campaign. These efforts led to over 18,000 ENERGY STAR-certified appliance rebates for residential customers, resulting in nearly 3 million kWh of gross energy savings.

Newsweek

"America's Greatest Workplaces"

Dominion Energy was ranked as one of "America's Greatest Workplaces" in 2025 based on environmental, social, and corporate governance indicators.

Smart Energy Consumer Collaborative

"SMB Engagement Award"

Dominion Energy's Small Business Energy Solutions program helps qualifying small businesses in South Carolina manage their energy costs by providing financial incentives for energy-saving upgrades to lighting as well as heating and cooling systems.

Workplace Sustainability & Waste Reduction Programs

Dominion Energy works to integrate sustainability principles across the company's operations, including its corporate and workplace spaces. For example, recycling programs for typical office waste (e.g., paper, cardboard, plastic, aluminum) are available to employees at most of Dominion Energy's corporate offices, and the Company continues to implement centralized waste collection at additional facilities. Additionally, Dominion Energy's Corporate Composting program has diverted over 270 tons of food and other organic waste away from landfills since 2018.

Building Construction & Management

- Dominion Energy strives for Leadership in Energy & Environmental Design (LEED) Silver-level certification in new office construction, not only to encourage environmental stewardship, but also to provide an optimized work environment for employees. LEED building practices support healthier, more productive workplaces, reduce stress on the environment by encouraging energy and resource-efficient buildings, and produce savings from increased building value and decreased utility costs.

- In renovations, and in building operation, Dominion Energy leverages LEED best practices, including low-flow water fixtures, water-efficient landscaping, and LED lighting. In addition, its construction practices include:
    - using recycled materials in new office furniture systems, including carpet manufactured from 90% recycled materials;
    - recycling demolition material; and
    - installing native vegetation in support of pollination and reduced irrigation.
- Dominion Energy continues to expand new property management innovations to reduce energy usage, pilot new technologies, and seek efficiency in operations. Examples include:
    - Continued conversion to LED light fixtures across the Dominion Energy facilities footprint nation-wide;
    - Installing electric chargers for forklifts in storerooms at facilities across the company footprint
    - Piloting the SITES sustainability program at a site work intensive construction project the Castlewood Road facility in Richmond, VA
    - Constructed a rooftop solar array on the parking garage at its Tredegar Campus in Richmond, Virginia.
    - Expansion of autonomous mowing programs at office facilities in South Carolina;

LEED-Certified Buildings: Complete & In-Progress:

Site	LEED Rating	City/State	Construction Complete
Magnolia – Systems Operations Center	**Silver**	Henrico, VA	2016
Hampton Office	**Silver**	Hampton, VA	2020
Greensville Power Station Admin Building	**Silver**	Greensville, VA	2020
Brunswick Power Station Admin Building	**Certified**	Brunswick, VA	2020
600 Canal Place	**Gold**	Richmond, VA	2020
Petersburg-Dinwiddie District Office	**Silver**	Dinwiddie, VA	2020
Electric Transmission Crew Building	**Silver**	Dinwiddie, VA	2021
Electric Transmission Crew Building	**Silver**	Warrenton, VA	2021
Gas Operations Building	**Silver**	McBee, SC	2021
Corporate Hangar	**Silver**	Richmond, VA	2022

DESC Fleet Building	**Silver**	Cayce, SC	2022
Technical Support Building and High Voltage Lab	**Silver**	Dinwiddie, VA	2024
Electric Transmission Crew Building	**Silver**	Loudoun County, VA	2026
South Boston District Office	**Silver**	South Boston, VA	2026
Electric Transmission Crew Building	**Silver**	Virginia Beach, VA	2026
Electric Transmission Crew Building	**Silver**	Williamston, NC	2026
CVOW Marine Coordination Center	**Silver**	Norfolk, VA	2026

Facilities Management's Additional Green Efforts

The Company's internal Facilities Management group supports over 138 office buildings across its operating territory, in addition to over 800 substation control houses and microwave towers, vehicle fueling and electric vehicle charging infrastructure, and many other Company properties. The Company continually works to improve efficiency and conserve energy in its internal operations, including:

Equipment & Maintenance

- Performing preventative maintenance programs to maintain equipment in peak operating condition, which enhances the life of the equipment and delays replacements;
- Leveraging paperless work order processes for preventative maintenance and service tickets;
- Upgrading efficiency gas-fired unit heaters in place of steam fan coil units;
- Installing efficient heat pumps in place of existing heating and cooling systems when warranted;
- Using variable speed drives on large air handling units to allow fan speed control as needed, which reduces the starting load of the motor;
- Upgrading high efficiency hot-water boilers in place of steam boilers;
- Installing high efficiency chillers, which can eliminate the need for heat exchangers, to replace existing low efficiency chillers;
- Using building automation schedules (see Building Automation section, below), occupancy/vacancy sensors and other efficiency automation integrations;
- Reducing generator emissions by replacing many diesel generators with newer, more efficient models or natural gas generators; and
- Utilizing recycling containers for large projects to divert material from landfills while also recovering financial credits on assets.

Lighting, Roofing, & Windows

- Modifying existing lamps to more efficient lighting fixtures, including the installation of T-8 fluorescent fixtures, T-5 high-bay fixtures, and LEDs;
- Opening floor plans to maximize the natural light in building interiors, reducing the number and wattage of lighting fixtures needed;
- Installing solar film on windows to decrease heat infiltration and to increase the efficiency of air-conditioning operations; and
- Installing reflective membranes or other efficient systems during roof repairs and replacements.

Restrooms & Cleaning

- Using motion sensors in restrooms with touchless flush and hand washing fixtures to minimize water usage, and installing foam soap dispensers in restrooms to reduce use of soap;
- Using hands-free automated paper towel dispensers, which are set to distribute the smallest effective amount of paper to reduce trash, and composting those paper towels in facilities with composting programs;
- Utilization of electric-powered garage sweepers in place of gas or diesel powered; and
- Utilizing LEED-compliant "Green" cleaning products and plant-based lubricants in place of harsh chemicals and aerosols.

Refrigerant Management

- Facilities Management maintains a comprehensive and systematic approach to monitoring and managing the Company's refrigerant systems. All equipment is enrolled in a scheduled preventive maintenance program, which includes routine inspections and performance testing to proactively identify potential leaks and ensure timely repairs in accordance with environmental compliance standards.
- In addition to ensuring none of the Company's systems utilize chlorofluorocarbons (CFCs), which are known to contribute to stratospheric ozone depletion and possess high global warming potential (GWP), the Company has actively transitioned from R-22 systems to R-410A or R-454B systems across the DEV and DESC operating territory. DESC has completed this transition at all of its locations, while DEV has completed this transition at all of its Substation Control Enclosures and has reached a 91% completion status for systems in office locations.

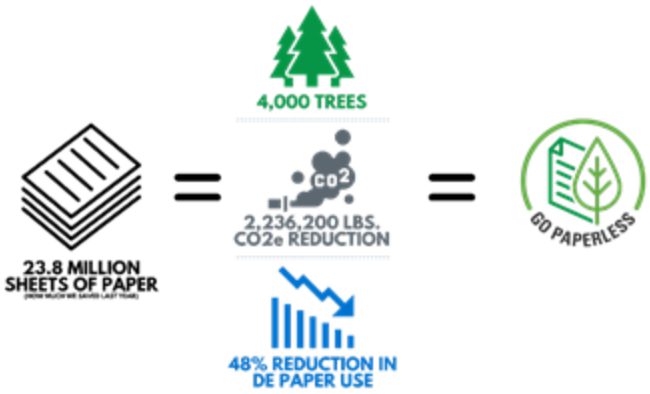
- Effective January of 2025, the U.S. Environmental Protection Agency (EPA) initiated a phasedown of select hydrofluorocarbon (HFC) refrigerants, including R-410A, pursuant to the American Innovation and Manufacturing (AIM) Act of 2020. In response, the Company will begin replacing R-410A systems with R-454B systems as units fail or reach the end of their service life. R-454B is recognized for its lower GWP and zero ozone depletion potential, supporting the Company's commitment to regulatory compliance and environmental stewardship.

Building Automation

Many of the Company's office buildings leverage Building Automation Systems (BAS), a network of computerized control panels that are programmed to control the heating, ventilation, and air conditioning (HVAC) systems in a building. A BAS can also control the lighting system and monitor other electric systems, like emergency generators, battery backup systems, and building power. These systems help operate the offices more efficiently, saving water and energy.

Employee & Community Engagement

- Dominion Energy maintains the Sustainability Exchange Network, an employee education and engagement platform focused on sustainability. The platform, which is featured prominently on its intranet site, supports employee education and collaboration on key focus areas for the Company.
- The Go Paperless campaign educates, promotes, and makes available tools and process redesign to continue to reduce the use of paper at Dominion Energy in support of environmental, sustainability, and cost containment goals and the IT strategic goal of making technology more accessible to colleagues. Dominion Energy's Go Paperless campaign is in large part a positive outcome of remote work during the pandemic. The compelling event for the campaign that was launched at the Emerging Tech open house in May 2021 was to build on the momentum of pandemic remote work with a call to action to advocate to "think before you print." Research uncovered that employees used almost 24 million fewer sheets of printer paper in the year that over a third of employees were not in the office.



In recent years, Information Technology (IT) has expanded focus on this campaign by automating paper-based processes using mobile apps for data collection in the field and software bots to digitize workflows. Most recently, IT has implemented "Follow Me Printing" and has significantly advanced our sustainability goals. By enabling secure, on-demand printing at any networked device, this solution reduces unnecessary print jobs and paper waste. It also optimizes energy usage by minimizing idle printer time and consolidating output to fewer devices. Beyond cost savings, Follow-Me Printing supports our commitment to environmental stewardship by lowering carbon emissions and promoting responsible resource consumption across the organization.

Workplace benefits of the Go Paperless campaign include:

- Reduced manual data entry
- Faster work with fewer errors
- Visibility into all business processes
- Automatic audit preparation
- Remote work further facilitated
- Improved customer and employee experience
- Opportunities for automation of digital applications

Green Information Technology

The Company's Information Technology (IT) organization continues working toward a more environmentally friendly computing environment. IT continually strives to gain efficiencies and cost savings while reducing environmental impacts. All new desktops, laptops, monitors, and printers ordered within the Company's fleet are Energy Star compliant or certified. Additionally, the Company's primary data centers have undergone significant redesigns. These changes eliminated areas above ambient temperatures created by the Company's larger data centers and increased the data centers' power and cooling efficiencies. Ambient temperature in the main

computing rooms was raised to 77 degrees. This resulted in approximately a 22% decrease in the electricity required to cool the rooms. Data center cooling efficiency has been increased by methodically replacing older, less efficient chiller units.

IT continues reducing the number of physical machines in the Company's server farm, making the farm more energy efficient. By consolidating 40 servers to one using virtualization software, approximately 93% of the Company's server farm is now virtual. Over 97% of new server builds are virtual. IT also adopted a physical configuration called a blade server which is 30% to 40% more energy-efficient than the older, rack-mounted servers.

In 2019, Dominion Energy moved its data center to its new building at 600 Canal Place, where it is using new efficient computer cabinets along with consolidation and virtualization. With this change, Dominion Energy reduced power consumption by 40kva, representing a 12% reduction. Computer storage acquisitions now consider power and cooling to ensure that the Company uses the smallest amount of power and cooling for the storage requirements for both Storage Area Network and Network Attached Storage. These practices have resulted in the Company's maintaining the same power consumption for storage while increasing the overall amount of storage approximately 35% per year due to business requirements. The Company has added software for data de-duplication on the storage to further reduce the amount of storage required by 30-35%.

In 2022, Dominion Energy replaced the data center UPSs at its 5000 Dominion Blvd location, which are 10% more efficient than the old ones.

Additionally, among other initiatives, Dominion Energy's IT has:

- Completed disk array consolidation effort reducing arrays by 60% (2024)
- Upgraded the lighting to LED in our 5000 Dominion Blvd Datacenter location (2024)
- Completed a network switch upgrade and consolidation reducing switch power consumption by 75%.
- Changed to a new backup appliance that uses larger disks but still maintains compression to further reduce power requirements (2024);
- Begun methodically replacing spinning disk technology with flash-based drive technology to reduce power load for the storage farm by approximately 80%;

- Secured a disposal vendor with a “no landfill” policy, reselling almost all the Company’s disposed assets for continued use while recycling all others in an environmentally responsible manner.

Investment Recovery

Dominion Energy Shared Services Asset Investment Recovery has a sustainability charter to provide disposition of Company assets. The disposition is completed in a way that both maximizes return on investment and minimizes environmental impact. Such assets include precious metal, copper, brass, aluminum, steel, and batteries. These assets are processed and recycled, which helps the environment while returning revenue back to the Company.

By January 1, 2025, Dominion Energy Environmental and Sustainability began managing the disposition of Company assets. The list of assets remains the same. Dominion Energy Virginia, Dominion Energy Generation, Dominion Energy Privatization, and Dominion Energy’s Corporate Offices recycled approximately:

- Over 13 million pounds of Scrap Metal
- Over 6.1 Million pounds of Oil
- 336,600 pounds of CT and PT Transformers

Conclusion

This Report provides an overview of the current energy efficiency and conservation plans and programs available to the Company's internal and external stakeholders, including its participation in such widespread efforts across the entire Dominion Energy footprint. The Company continues to evaluate information as it becomes available regarding DSM program opportunities and to participate in the stakeholder process that supports these efforts. The Company embraces the Commonwealth's goals regarding energy efficiency and conservation and will continue to evaluate and implement such programs and sustainability initiatives in order to build a cleaner, more energy efficient future for its customers, employees, communities, and the world.

Rick E. Lovekamp
Sr. Manager Regulatory Strategy/Policy
State Regulation and Rates
O 502-627-3780
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a PPL company

Glenn Davis, Director
Virginia Department of Energy
Washington Building
1100 Bank Street, 8th Floor
Richmond, VA 23219-3638

October 31, 2025

RE: Annual Reporting Requirement of § 45.2-1712

Dear Mr. Davis:

Pursuant to § 45.2-1712 of the Code of Virginia, Kentucky Utilities Company, d/b/a Old Dominion Power Company ("ODP" or "the Company") hereby submits the 2025 Annual Report that discloses its efforts to conserve energy.

The Company continues to place a strong emphasis on energy conservation through consumer education and employs several methods to disseminate energy efficiency and conservation tips. Each month the Company prepares its Power Source newsletter, which each customer receives with their monthly bill. The newsletter contains practical and proactive ways for customers to implement energy and conservation measures. Customers who request a paperless bill receive an electronic version of the newsletter. Customers also can view the newsletter on the Company website.

The Company website also contains user-friendly tools, which allow customers to identify potential areas for energy savings. There are "how to" videos, which offer low cost and no cost ways to save on lighting; heating and cooling; appliances and electronics; insulation and air sealing; water; and seasonal tips. Additionally, a Watt Finder Guide is available, which educates customers on how appliance choices and usage impact energy consumption.

The Company expects to complete the implementation of the Advanced Metering Infrastructure ("AMI") project by the end of this year. Customers with AMI metering equipment are provided access to their granular usage data, allowing them to make informed decisions and adjust behaviors that may lead to energy savings. Educational materials are available on the Company website to assist customers with understanding their bills by reviewing the month/day/hour/15-minute interval when energy was used and correlating that to their activities during the same period. When customers are in need of an energy advisor, the Company's customer service representatives have access to detailed energy usage through the AMI meter and systems. AMI enables customer service representatives to use more current and robust information about energy usage to efficiently and

quickly address the customer's concern in a single communication and, in some scenarios, without rolling a truck for field investigation.

The Company is installing more energy-efficient LED lights for all new streetlight requests. Furthermore, existing mercury vapor and high-pressure sodium streetlights are being replaced with LED lights upon failure.

In addition, KU and LG&E have had demand-side management and energy efficiency programs ("DSM/EE") in place in Kentucky since 1994, which ODP customers have benefitted from indirectly through avoided cost of capacity savings. KU and LG&E have obtained approval from the Kentucky Public Service Commission ("KPSC") for numerous DSM/EE offerings over the years. In a November 6, 2023 Order[1], the KPSC approved the KU and LG&E 2024−2030 DSM/EE plan, that as proposed, according to KU and LG&E, would result in an increase in peak cumulative demand savings from 296 MW to 377 MW by 2030. KU and LG&E estimated achieving additional peak cumulative energy and gas savings of 878 GWh and 170,000 Mcf by 2030. KU and LG&E proposed to increase the total DSM budget from approximately $98 million to $341 million by 2030. KU and LG&E began the implementation of the new plan on January 1, 2024.

ODP, KU, and LG&E are also committed to supporting efforts that promote planting trees as demonstrated in their Plant for the Planet Matching Grant Program which offers matching grants to non-profit and local governments. The Right Tree – Right Place program supports planting native trees in appropriate locations throughout each utility's service territory. These programs are important because trees help to provide shade for houses which, over time, can help customers better manage energy use and, in turn, their energy bills. Also, trees give off oxygen and remove carbon dioxide from the environment.

Should you have any questions about this report, please contact me at your convenience.

Sincerely,

Rick E. Lovekamp

[1] Electronic Joint Application of Kentucky Utilities Company and Louisville Gas and Electric Company for Certificates of Public Convenience and Necessity and Site Compatibility Certificates and Approval of a Demand Side Management Plan and Approval of Fossil Fuel-Fired Generating Unit Retirements – Case No. 2022-00402

Appalachian Power
200 Association Drive
Charleston WV 25311
AppalachianPower.com

October 22, 2025

Mr. Glenn Davis, Agency Director
Virginia Department of Energy
Washington Building, 8th Floor
1100 Bank Street
Richmond, VA 23219

Re: 2025 Annual Demand Side Management Report

Dear Mr. Davis:

Pursuant to Va. Code §§ 56-235.1 and 45.2-1712, please find enclosed Appalachian Power Company's 2025 Demand Side Management report to the Virginia Department of Energy.

If you have any questions or concerns regarding the report, please contact me at tcstafford@aep.com.

Regards,

/s/ *Tammy C. Stafford*

Tammy C. Stafford
Manager, EE & Consumer Programs

Enclosure
cc: Bettina Bergoo
Larry Corkey
Rabita Banee
William K. Castle

Appalachian Power Company (APCo or Company) remains committed to cost-effective demand-side management (DSM) programs, including energy efficiency (EE) and demand response (DR) initiatives that help customers use electricity in an informed and efficient manner. The effects of these efforts, both current and potential, are reflected in the Company's VCEA Renewable Portfolio Standard report filed in May 2025.

To delay the need to procure supply resources, the Company seeks to limit the growth in the amount of power consumed at the time of peak electricity consumption on the system. This can be accomplished in several ways: including through Demand Response tariff offerings, direct load control programs, time- differentiated rates, and retail EE programs.

A description of the previous, ongoing, and expected demand-side resource activity for APCo follows.

APCo Virginia DSM Regulatory Activities

Case No. PUR-2019-00122

On September 30, 2019, Appalachian Power filed for approval for three new DSM programs: the Residential Low-Income Single-Family Weatherization (LISF) program, the Residential Low-Income Multifamily Weatherization (LIMF) program, and the ENERGY STAR® Manufactured Homes (ESMH) program. In May of 2020, the Commission issued a final order, granting approval for the three new programs for a five-year period beginning January 2021 and ending December 2025. **Note that in a subsequent filing (PUR-2023-00169) the LISF and LIMF programs were renewed in a new five-year period starting in 2025. Therefore, these programs concluded a year early from the expected conclusion date in the filing and approval.**

RESIDENTIAL LOW-INCOME SINGLE-FAMILY WEATHERIZATION PROGRAM is designed to generate savings for residential low-income customers through the evaluation of energy improvement opportunities, installation of weatherization upgrades, and other energy savings for dwellings. Through December 31, 2024, 1350 projects had been completed, 319 in 2024 alone. The Low-Income Single-Family program filed in Case No. PUR-2019-00122 concluded at the end of 2024.

RESIDENTIAL LOW INCOME MULTIFAMILY WEATHERIZATION PROGRAM delivers targeted energy efficiency measures that are provided and installed in income-qualified multi-family properties. The program educates and motivates owners and tenants to participate in additional programs offered by Appalachian Power in Virginia and includes an education component for participating customers on ways to effectively manage their energy use. Through December 31, 2024, 2237 projects had been completed, 561 in 2024 alone. The Low-Income Multifamily Weatherization program filed in Case No. PUR-2019-00122 concluded at the end of 2024.

RESIDENTIAL ENERGY STAR® MANUFACTURED HOMES PROGRAM provided incentives to builders and dealers to produce and sell new manufactured homes that met ENERGY STAR® efficiency standards. Additionally, the program encouraged Appalachian Power (APCo) customers to purchase these high-efficiency homes through direct incentives.

As a result of successful market transformation within APCo's service territory—where ENERGY STAR® homes became the standard—the program concluded in December 2022. Over the course of the program, a total of 145 ENERGY STAR manufactured homes were incentivized.

Case No. PUR-2020-00251

On November 30, 2020, Appalachian Power filed for approval to implement five new EE programs, one new EE pilot program and to continue two existing programs. On July 29, 2021, the Virginia State Corporation Commission issued an order in this case. All programs proposed by the Company were approved subject to certain modifications and conditions. With the exception of the Volt Var Optimization 3-year Pilot program, all filed programs were approved for a five-year period beginning January 1, 2022, and ending December 31st, 2026.

The new programs from this filing are the Residential Home Energy Reports program, the Residential Efficient Products program, the Residential Energy Efficiency Kit program, the Residential Home Performance program, and the Business Energy Solutions program.

RESIDENTIAL HOME ENERGY REPORT PROGRAM helps customers reduce energy needs by encouraging them to alter their electricity usage habits by providing positive reinforcement. The reports compare the participant's energy usage with comparable homes, which, ideally, motivate them to take action to save energy and maintain those savings. Through December 31, 2024, over 900,000 reports had been deployed to customers.

RESIDENTIAL EFFICIENT PRODUCTS PROGRAM generates energy savings for consumers through the promotion of high efficiency lighting and appliances. The original program was included in Appalachian's EE portfolio and ended in December 2018. Based on discussions and recommendations in the stakeholder process, the Company re-launched the program. Through December 31, 2024, there have been 8,195 rebate applications approved for ENERGY STAR® rated appliances, 2,794 alone in 2024.

RESIDENTIAL ENERGY EFFICIENCY KIT PROGRAM generates energy savings for customers by providing energy efficiency kits to residential customers. The kits provide cost-effective energy saving measures for customers while promoting other programs in the Company's EE portfolio. The kits include products with verified electric energy savings that customers can self-install. In 2024, the program expanded from offering two types of kits, to six different kits in total. Through December 31, 2024, there had been 14,347 energy efficiency kits ordered, 1,006 in 2024 alone.

RESIDENTIAL HOME PERFORMANCE PROGRAM generates savings for the Company's residential customers through the promotion of energy efficient homes. The primary objective

for the program is to produce long-term electric energy reduction in the residential sector. The program provides customers with a comprehensive in-home energy assessment to identify immediate and larger-scale measures that the customer can implement to reduce energy usage. Through December 31, 2024, there had been 6,655 home energy assessments completed. This Home Performance program concluded December 31, 2024, however a similar program with a five-year cycle life was filed in a subsequent case (PUR-2023-00169), approved by the Commission and began in January of 2025.

BUSINESS ENERGY SOLUTIONS (BES) PROGRAM is designed to generate energy savings for C&I customers through the promotion of high efficiency lighting and non-lighting upgrades. The BES Program accelerates energy efficiency by incorporating both lighting and non-lighting measures under one program at the start of 2022. Through December 31, 2024, 593 energy efficiency projects had been completed under the BES Program, 144 in 2024 alone.

The two programs to be extended included the Residential Bring Your Own SMART Thermostat program and the Small Business Direct Install program.

RESIDENTIAL BRING YOUR OWN SMART THERMOSTAT (BYOT) PROGRAM, which the Commission initially approved for a three-year period ending December 31, 2021, but it was extended in a later EE-RAC filing. The BYOT Program allows residential customers to enroll a qualifying Wi-Fi enabled smart thermostat in a demand response program. During a load management event, the Company either cycles the customer's HVAC equipment or raises the set point of the thermostat. Through December 31, 2024, the Company had enrolled 9,830 devices in the program.

SMALL BUSINESS DIRECT INSTALL (SBDI) PROGRAM, offers on-site energy assessments at small businesses, direct installation of certain energy efficiency measures, and financial incentives for other cost-effective measures to capture deeper energy savings. Through December 31, 2024, 594 energy efficiency projects had been completed, 203 projects in 2024 alone.

The Company also requested approval for one pilot program, the Volt Var Optimization Pilot program.

VOLT VAR OPTIMIZATION PILOT PROGRAM allows the Company to regulate more closely the voltage of the electricity that it delivers to its customers so that customers receive a lower, but still acceptable, voltage that allows them to use less energy. Testing has shown that certain equipment, especially motors and other inductive load, operates more efficiently when voltages are closer to the equipment's design voltage. Thus, the program will result in energy and demand savings, with no individual customer investment, and will reach a large group of customers including low-income and rural customers. The six circuit installations in the pilot have been completed.

Case No. PUR-2021-00236

On November 30, 2021, Appalachian Power filed for approval of one new energy efficiency pilot program, the Commercial and Industrial (C&I) Custom Pilot Program. The Company also proposed to extend the period between EE-RAC filings from one year to two years. During the years when a full EE-RAC filing is not required, Appalachian Power will provide the Commission with a report on program costs, revenues, participation, and other relevant information.

C&I CUSTOM PILOT PROGRAM will provide commercial and industrial customers with the opportunity to earn incentives for energy efficiency improvements that are not already covered by the BES Program and/or Small Business Direct Install Program. Customers will receive an incentive that is customized to the specific results of the energy efficiency technologies, processes, and measures proposed for implementation.

In July of 2021, the Commission issued an order in this case. The Commission approved the C&I Custom Pilot Program for a three-year period starting in January 2023 and ending December 2025. The C&I Custom Pilot Program successfully launched in January 2023.
Through December 31. 2024, there had been 26 custom pilot projects completed.

The Commission approved the Company's request to extend the period between EE-RAC filings to two years. The Company filed an updated report on program costs, revenues, participation, and other relevant information on November 30, 2022, which was the first year where a full EE-RAC filing was not made.

Case No. PUR-2023-00169

On November 30, 2023, Appalachian Power filed for approval to implement two new EE programs, extend three existing programs, and make enhancements to several existing programs that were previously approved by the Commission.

The new programs are the Residential School Kits Program and the Residential Multifamily In-Unit Program. These programs were approved by the Commission in July of 2024 for a launch in January 2025.

RESIDENTIAL SCHOOL KITS help educate customers on energy efficiency through a school-to-home model. Students will receive energy efficiency-focused education in the classroom, then apply that learning at home with their families through the installation of the kit products. This program was successfully launched in January 2025. Through the 3rd quarter of 2025, 7,830 school kits had been reserved.

RESIDENTIAL MULTIFAMILY IN-UNIT help customers reduce energy by providing energy assessments and in-unit direct install measures for multifamily properties. Additional energy measures will be available for installation by trade allies. Incentives are offered for additional measures, and the cost will be covered by the property owners. The program has been approved by the Commission and launched in January 2025. Through 3rd quarter of 2025,

measures have been installed in over 900 individual units at 9 properties.

The three programs to be extended are the Low-Income Single Family (LISF) Program, Low Income Multifamily (LIMF) Program, and the Home Performance Program. With some modifications, all three programs were approved by the Commission in July of 2024.

RESIDENTIAL LOW-INCOME SINGLE-FAMILY PROGRAM (LISF) is designed to generate savings for residential low-income customers through the evaluation of energy improvement opportunities, installation of weatherization upgrades, and other energy savings for dwellings. This program successfully began in January 2025.

RESIDENTIAL LOW INCOME MULTIFAMILY PROGRAM (LIMF) delivers targeted energy efficiency measures that are provided and installed in income-qualified, multifamily properties. The program educates and motivates owners and tenants to participate in additional programs offered by Appalachian Power in Virginia and includes an education component for participating customers on ways to effectively manage their energy use. This program successfully began in January 2025.

RESIDENTIAL HOME PERFORMANCE PROGRAM generates savings for the Company's residential customers through the promotion of energy efficient homes. The primary objective of the program is to produce long-term electric energy reduction in the residential sector. The program provides customers with a comprehensive in-home energy assessment to identify immediate and larger-scale measures that the customer can implement to reduce energy usage. This program is an extension of the previous Home Performance Program, with the addition of a moderate-income tier, which will allow the program to reach more customers by offering tiered rebates to moderate income qualifying customers. The Home Performance Program, with these modifications, was approved by the Commission in July of 2024 and began in January 2025.

Additionally, the Company requested to align the rate year with the standard calendar year. The Commission approved this request; therefore, the next full VA EE-RAC filing will be on or about March 15, 2026.

Active Energy and Demand Savings Programs

The following table outlines the Gross and Net savings for both kWh and kW for each of the Energy Efficiency programs in Virginia during program year 2024.

2024				
Energy Efficiency Program	Realized Gross Annual kWh Savings	Realized Net Annual kWh Savings	Realized Gross kW Savings	Realized Net kW Savings
Home Performance Program	1,638,479	1,566,065	308.94	289.75
Low-Income Single-Family Program	979,965	979,965	94.97	94.97
Low-Income Multifamily Program	496,822	496,822	167.47	167.47
Efficient Products Program	7,150,423	3,694,757	151.78	78.05
Energy Efficiency Kits	233,534	233,592	17.32	17.85
Home Energy Reports Program	25,337,823	25,337,823	5,476.16	5,476.16
Bring Your Own Thermostat Program	156,198	201,162	7,313.25	7,313.25
Residential Portfolio Totals	35,993,244	32,510,186	13,529.89	13,437.50
Business Energy Solutions	9,483,238	7,373,614	1,781.88	1,482.74
Small Business Direct Install	3,644,465	3,311,014	528.56	480.81
Custom C&I Pilot Program	3,045,831	1,850,495	686.20	439.39
C&I Portfolio Totals	16,173,534	12,535,123	2,997	2,403
VVO Program	1,111,564	1,111,564	549.69	549.69
All Programs Totals	53,278,342	46,156,873	17,076	16,930

Opt-Out (20VAC-350)

Consistent with the Virginia State Corporation Commission's Rules (20VAC5-350) for Large General Service Exemption from Energy Efficiency Rate Adjustment Clause(s), customers may obtain exemption from energy efficiency rate adjustment clauses (sometimes referred to as "riders") and are thereby no longer eligible to participate in a utility's energy efficiency programs. To facilitate exemption, customers must certify they have implemented energy efficiency programs, at the customer's expense, that have produced measured and verified results within the prior five years. There are other customer obligations required to opt-out of the EE-RAC, or to continue to opt-out of the EE-RAC, as defined in 20VAC5-350. Customer-reported energy and demand savings associated with such customer-implemented programs for Program Year 2024 are summarized in the below table.

Summary of Opt-Out Customer Reported Savings

Program Year	*Number of Customers*	*Reported kWh Savings*
PY2024	13	150,084,926

Pilot Programs to Comply with Legislation

SB1349 and SB966

VETERAN ENERGY VOUCHER PILOT PROGRAM provides energy assistance for homeless veterans who were receiving support from the Virginia Housing Development for Veterans through the Virginia Wounded Warrior Program. On August 31, 2015, APCo and Dollar Energy Fund, Inc. (Dollar Energy) signed a letter of agreement setting forth the operating parameters of the program. As administrator, Dollar Energy was responsible for managing and administering all phases of the Veteran Energy Voucher Pilot Program. The goal of the program was to provide utility grant assistance to low-income homeless veterans to assist them in getting back into housing. Those veterans enrolled in the Virginia Veterans & Family Support program or the Total Action for Progress (TAP) program within the Company's Virginia service area also qualified for the assistance.

To access the $500 energy voucher, Virginia Veterans & Family Support or TAP completed the application for new electric service on behalf of the veteran. Each $500 energy voucher was used for connection fees and deposits, with any remaining voucher funds applied to future billings. Through December 2024, 344 grants were awarded for a total of $172,000 in energy vouchers.

Under the provisions of Senate Bill 966 of the 2018 General Assembly, the Company has extended this program.

ENERGY EDUCATION PILOT identifies APCo customers who have received financial assistance through different agencies to help pay their electric bill. The pilot program provides mailings directly to these customers with information regarding measures they can take to save energy and reduce their electric bills.

This pilot program was originally proposed and facilitated under SB1349. Because of the success

of the program, the pilot was continued under the provisions of SB966.

The Company partnered with Dollar Energy to collaborate on the pilot program. Together, a comprehensive energy efficiency packet of information was developed and ultimately mailed to qualifying customers. The energy efficiency packet includes:

- Information regarding specific measures or behavior changes customers can make to reduce energy consumption;
- Energy Efficiency and Demand Response programs offered by the Company in which the customers could participate;
- Information on other weatherization assistance programs offered in the Company's service territory;
- Literature to increase energy efficiency awareness; and
- A post card with information on how the customer can receive a free energy conservation kit mailed directly to their home. This kit includes six energy efficient light bulbs, 2 LED night lights, two faucet aerators, and a refrigerator thermometer.
- Up to 2,500 kits are available to qualifying customers annually.

Tariff Options

APCo continues to offer various time-of-day tariff options that encourage customers to shift consumption to lower cost, off-peak, periods. With a change of lifestyle, or in the case of a non-residential customer, a change in operations, customers that shift or reduce demand during the Company's peak demand periods may save money. These tariff options include Commercial Load Management Time-of-Day Provision, off-peak excess demand provisions for Medium General Service, General Service, and Large General Service Schedules, a General Service Time-of-Day Schedule and an Advance Time-of-Day Schedule.

In addition, on September 12, 2019, the SCC approved a voluntary and experimental rate schedule, for a four-year period, for APCo customers who own electric vehicles. This optional tariff, called Schedule PEV – Experimental (Residential Plug-In Electric Vehicle Charging), allows residential customers who are receiving standard service to separately charge their electric vehicles on a time-of-day rate schedule. To take service under Schedule PEV, a customer must have an advanced metering infrastructure (AMI) meter installed. In addition to the house meter, a separate AMI meter is installed to measure the on-peak and off-peak kWh usage of the electric vehicle charger. The electric usage of the electric vehicle charger is thereby subtracted from the house meter so that the entire house is not subject to on-peak and off-peak rates, providing the customer with an economical method to charge their electric vehicle and helping the Company manage on-peak electrical demand on the grid. The RS-PEV tariff [059] was approved as a permanent offering as part of Case No. PUR-2023-00002 on January 29, 2024.

The Company received approval for the Residential Smart Demand and Smart Time of Use rate schedules to be available to customers in 2021 (Case No. PUR 2020-00015). The two rate schedules use Advanced Metering Infrastructure (AMI) to provide residential customers with options to reduce consumption during peak hours.

Demand Response Tariffs

In case PUR-2020-00015, the Company received permission to close Rider DRS RTO Capacity

to new customers and modify DRS to be a peak shaving tariff with the purpose of reducing the Company's cost causing peaks. The Company plans to use up to 60 hours each PJM Delivery Year, at its own discretion to reduce its peaks coincident with PJM's. If customers who are participating in the tariff comply with the interruptions, they will receive a monthly demand credit that will apply to their nominated interruptible demand reservation kW. The company has sought to modify this rider to conform with evolving PJM standards, and will include a demand credit, a curtailment credit for energy saved during events, and a non-compliance penalty,

Also, the Company recently introduced another demand response tariff, the Optional Rider C.S. (Curtailment Service Rider) for Commercial and Industrial customers. Under this tariff, Customers are provided the opportunity to reduce their cost of electric service by curtailing usage during Voluntary Curtailment Events as requested by the Company. Upon each event, the Customer shall have the option, but not the obligation, to curtail usage at their premises. Customers are compensated for reducing load during Voluntary Curtailment Events per the provisions of the tariff. Eligible Standard Service customers must have a curtailable usage of not less than 1,000 kW at the metering point for a single account for electric service.

Consumer Education Program on Energy Conservation

For several years, Appalachian Power has utilized a consumer education program on energy conservation entitled, "Watt, Why, & How." The program is geared toward educating community leaders and citizens on what APCo is doing to meet the demand for electricity, what changes are involved in electric rates, and how people can save money on their electric bills.

The program is promoted through bill inserts, bill messages, advertisements, and community presentations. APCo employees continued to make presentations about energy efficiency to such groups as local Rotary Clubs, Chamber of Commerce boards, and other civic groups. In addition, APCo has a monthly e-newsletter that offers energy saving tips to approximately 320,000 of its customers who have a registered an e-mail address with the Company.

Improved Efficiencies in Internal Operations

The Company continues to explore opportunities to improve internal efficiencies including use of efficient lighting fixtures and controls both inside and outside our facilities. In 2024, the Company upgraded lighting fixtures in one facility, replaced a facility roof with an Energy Star rated roof, and replaced a 150-ton chiller unit with a new efficient three-stage modular type system. When compared to weather-normalized usage during a baseline year of 2007, energy use in APCo's Virginia facilities for the 12-month period ending December 2024, more than 10 million kWh had been saved, representing an approximate 48% reduction.